## IAP3 Rec'd PCT/PTO 15 DEC 2005

FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

|            |  | DANIONSTAL : ETTED  | TO THE HAUTED OTATED  | ATTORNEY'S DOCKET NUMBER  |  |  |  |  |  |  |  |  |  |  |
|------------|--|---|---|---|--|--|--|--|--|--|--|--|--|--|
|            | 11   | RANSMITTAL LETTER   |   |   |  |  |  |  |  |  |  |  |  |  |
|            |  | DESIGNATED/ELECTE CONCERNING A FILING   | 016906-0443   |   |  |  |  |  |  |  |  |  |  |  |
|            |  |   | 10/552,448  |   |  |  |  |  |  |  |  |  |  |  |
|            |  | TIONAL APPLICATION NO.<br>P2004/003605  | INTERNATIONAL FILING DATE 4/5/2004  | PRIORITY DATE CLAIMED 4/8/2003                                  |  |  |  |  |  |  |  |  |  |  |
|            |  | INVENTION   | 170/2001  | 11012000  |  |  |  |  |  |  |  |  |  |  |
|            | HEAT EXCHANGER PROVIDED WITH FIXING ELEMENTS, IN PARTICULAR IN A VEHICLE APPLICANT(S) FOR DO/EO/US |   |   |   |  |  |  |  |  |  |  |  |  |  |
|            | Viorel I   | BRAIC, Adolf SCHEMBERA, Dirk  | BECKER, Stephan BITTNER and Ralf ZIM  | MERMANN   |  |  |  |  |  |  |  |  |  |  |
| App        | licant l   | nerewith submits to the United St   | ates Designated/Elected Office (DO/EO/US)   | the following items and other information:                      |  |  |  |  |  |  |  |  |  |  |
| 1.         |  | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.  |   |   |  |  |  |  |  |  |  |  |  |  |
| 2.         | $\boxtimes$  | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.   |   |   |  |  |  |  |  |  |  |  |  |  |
| 3.         |  | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.   |   |   |  |  |  |  |  |  |  |  |  |  |
| 4.         |  | The US has been elected (Ar   | The US has been elected (Article 31).   |   |  |  |  |  |  |  |  |  |  |  |
| 5.         | 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))                          |   |   |   |  |  |  |  |  |  |  |  |  |  |
|            |  | is attached hereto (red   | is attached hereto (required only if not communicated by the International Bureau).   |   |  |  |  |  |  |  |  |  |  |  |
|            |  | has been communicat   | ed by the International Bureau.   |   |  |  |  |  |  |  |  |  |  |  |
|            |  | is not required, as the   | application was filed in the United States Re   | ication was filed in the United States Receiving Office (RO/US) |  |  |  |  |  |  |  |  |  |  |
| 6.         |  | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |   |   |  |  |  |  |  |  |  |  |  |  |
|            |  | is attached hereto. has been previously su  | ubmitted under 35 U.S.C. 154(d)(4).   |   |  |  |  |  |  |  |  |  |  |  |
| 7.         | П  | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  |   |   |  |  |  |  |  |  |  |  |  |  |
|            | _  | are attached hereto (required only if not transmitted by the International Bureau).   |   |   |  |  |  |  |  |  |  |  |  |  |
|            |  |   | ated by the International Bureau.   |   |  |  |  |  |  |  |  |  |  |  |
|            |  | have not been made; l   | however, the time limit for making such ame<br>and will not be made.  | naments has NOT expired.  |  |  |  |  |  |  |  |  |  |  |
| 8.         |  | An English language translati   | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |   |  |  |  |  |  |  |  |  |  |  |
| 9.         |  | An oath or declaration of the   | inventor(s) (35 U.S.C. 371(c)(4)).  |   |  |  |  |  |  |  |  |  |  |  |
| 10.        |  | An English language translati<br>36 (35 U.S.C. 371(c)(5)).  | ninary Examination Report under PCT Article   |   |  |  |  |  |  |  |  |  |  |  |
|            |  |   |   |   |  |  |  |  |  |  |  |  |  |  |
| lten       | ns 11 f  | o 20 below concern other docu   | ment(s) or information included:  |   |  |  |  |  |  |  |  |  |  |  |
| 11.        |  |   | atement under 37 CFR 1.97 and 1.98.   |   |  |  |  |  |  |  |  |  |  |  |
| 12.        |  | •   |   | iance with 37 CFR 3.28 and 3.31 is included.                    |  |  |  |  |  |  |  |  |  |  |
| 13.        |  | _   | recording. A separate cover sheet in compr  | lance with 57 GF N 5.25 and 5.51 is included.                   |  |  |  |  |  |  |  |  |  |  |
| 14.        |  | A preliminary amendment.  An Application Data Sheet un  | nder 37 CFR 1 76  |   |  |  |  |  |  |  |  |  |  |  |
| 15.        |  | A substitute specification.   | del 37 Of IC 1.70.  |   |  |  |  |  |  |  |  |  |  |  |
|            |  |   |   |   |  |  |  |  |  |  |  |  |  |  |
| 16.<br>17. |  | · · · · · · · · · · · · · · · · · · ·   | A power of attorney and/or change of address letter.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825 |   |  |  |  |  |  |  |  |  |  |  |
| 18.        |  | A second copy of the published international application under 35 U.S.C. 154(d)(4).   |   |   |  |  |  |  |  |  |  |  |  |  |
|            |  |   |   |   |  |  |  |  |  |  |  |  |  |  |
| 19.        |  | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).  Other items or information: Power of Attorney or Authorization of Agent by Assignee and Statement Under 37 CFR |   |   |  |  |  |  |  |  |  |  |  |  |
| 20.        | M  | y Assignee and Statement Under 37 CFR   |   |   |  |  |  |  |  |  |  |  |  |  |
|            |  | 3.73(b).  |   |   |  |  |  |  |  |  |  |  |  |  |

| U.S. APPLICATION N<br>10/552,448  |   |  |   |   |                       |  | EY'S DOCKET NUMBER 06-0443 |                 |         |  |  |  |
|---|---|--|---|---|-----------------------|--|----------------------------|-----------------|---------|--|--|--|
|   | followin  | g fees have                                  | been su   | ibmitted:                                       |                       |  | Т                          |                 |         |  |  |  |
| I   | nal fee   |  |   | \$  | 300                   | \$                                     | 0.00300.00                 |                 |         |  |  |  |
| 22. 🛛 Exa   | minatio   | n fee  |   |   | 1                     |  |                            |                 |         |  |  |  |
| If International p  |   |  | ns satisfy<br>100   | \$  | 0.00                  |  |                            |                 |         |  |  |  |
| provisions of   |   | rticle 33(1)-                                | ľ   |   |                       |  |                            |                 |         |  |  |  |
| All other situation   |   |  |   |   | <u>\$</u>             | 200                                    | -                          |                 |         |  |  |  |
| 23. Search fee  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the |   |  |   |   |                       |  |                            |                 |         |  |  |  |
| USPTO as an International Searching Authority \$100   |   |  |   |   |                       |  |                            |                 |         |  |  |  |
|   |   |  |   |   |                       |  |                            |                 |         |  |  |  |
| International Se  | earch R   | eport prepa                                  | red and p   | provided to the Office                          | •                     | 400                                    |                            |                 |         |  |  |  |
| All other situation   |   |  |   |   | \$                    | 500                                    | \$                         | 0.00            |         |  |  |  |
|   | TOT   | AL OF AB                                     | OVE 21,   | 22 and 23 =                                     |                       |  | \$                         | 0.00            |         |  |  |  |
| sequence  | listing of  | specification<br>or computer<br>tional 50 sh |   |   | ·                     |  |                            |                 |         |  |  |  |
| Total Sheets  | Extra s   | heets  | Number of each additional 50 or fraction thereof (round up to a whole number) |   |                       | RATE                                   | 1                          |                 |         |  |  |  |
| 1.0   |   | 150  | tnereof   | <del></del>                                     | per)                  | w #250.00                              | - s                        | 0.00            |         |  |  |  |
|   | 0   | /50 =  |   | 0   | 20                    | x \$250.00                             |                            |                 |         |  |  |  |
| Surcharge of \$<br>earliest claimed   |   |  |   | ath or declaration later that                   | n 30 mon              | tns from the                           | \$                         | 0.00            |         |  |  |  |
| <u> </u>  | PHOLIC  |  |   |   |                       | RATE                                   | <u> </u>                   |                 | <u></u> |  |  |  |
| CLAIMS  |   | NUMBER                                       |   | NUMBER EXTRA                                    |                       |  | <u> </u>                   |                 | T       |  |  |  |
| Total Claim   | ıs  | 10   | - 20 =  | 0   | x\$                   | 50.00                                  | \$                         | 0.00            |         |  |  |  |
| Independent Cl  | laims   | 1  | - 3 =   | 0   | x\$                   | 200.00                                 | \$                         | 0.00            |         |  |  |  |
| MULTIPLE DEF  | PENDE   | NT CLAIM(                                    | S) (if app  | olicable)                                       | +\$                   | 360.00                                 | \$                         |                 |         |  |  |  |
|   |   |  |   | TOTAL OF ABOV                                   | E CALCU               | LATIONS =                              | \$                         | 0.00            |         |  |  |  |
| ☐ Applica   | nt clain  | ns small ent                                 | itv status  | s. See 37 CFR 1.27. Fees                        | above are             | ······································ | \$                         | 0.00            |         |  |  |  |
| reduced   |   |  | ny otatae   |   |                       |  |                            |                 | ,       |  |  |  |
|   |   |  | \$  | 0.00  |                       |  |                            |                 |         |  |  |  |
| Processing fee  | of 130.   | 00 for furnis                                | hing the  | English translation later th                    | an 30 mo              | nths                                   | \$                         |                 |         |  |  |  |
| from the earlies  | t claime  | ed priority d                                | ate (37 C   | FR 1.492(i)).                                   |                       |  |                            |                 |         |  |  |  |
| · · · · · · · · · · · · · · · · · · ·   |   |  | \$  | 0.00  |                       |  |                            |                 |         |  |  |  |
| Fee for recording   | on the e  | nclosed as                                   | signment  | t (37 CFR 1.21(h)). The as                      | signment              | must be                                | \$                         |                 |         |  |  |  |
|   |   |  |   | et (37 CFR 3.28, 3.31). 40                      |                       |  | *                          |                 |         |  |  |  |
| accompanied b   | y an ap   | propriate of                                 |   |   |                       | CLOSED =                               | \$                         | 0.00            | -       |  |  |  |
|   |   | <u></u>                                      |   | TOTAL   |                       | 40LOGED =                              |                            | Amount to be    |         |  |  |  |
|   |   |  |   |   |                       |  |                            | refunded:       |         |  |  |  |
|   |   |  |   |   |                       |  |                            | charged:        |         |  |  |  |
| a. \ A ch   | nock in   | the amou                                     | nt of \$0   | .00 to cover the above t                        | fees is er            | nclosed                                | <u> </u>                   |                 | L       |  |  |  |
| 4   | ICON III  | are arriou                                   | OI <u>WU</u>  | to cover the above i                            | اع دارتان دا          |  |                            |                 |         |  |  |  |
|   | b. Please charge my Deposit Account No. <u>19-0741</u> in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed.  |  |   |   |                       |  |                            |                 |         |  |  |  |
| c. 🛛 The over   | c.   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0741. A duplicate copy of this sheet is enclosed. |  |   |   |                       |  |                            |                 |         |  |  |  |
| d. Tee  | l   |  |   |   |                       |  |                            |                 |         |  |  |  |
| 203   |   |  |   |   |                       | , •                                    |                            |                 |         |  |  |  |
| NOTE: Whe<br>1.137(a) or (b   | re an<br>o)) mus  | appropria<br>st be filed                     | ate time<br>and gr  | e limit under 37 CFR<br>anted to restore the In | 1.495 ha<br>iternatio | nal Applica                            | n met<br>stion             | to pending stat | us.     |  |  |  |
| SEND ALL CO   | ORRE  | SPONDE                                       | Mulusual  |   |                       |  |                            |                 |         |  |  |  |
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|   | •   | Number                                       | L. <u>30</u>  | Schwaab   |                       |  |                            |                 |         |  |  |  |
| Lus   | storrier  | Number                                       |   |   |                       |  |                            |                 |         |  |  |  |
| 25,479  |   |  |   |   |                       |  |                            |                 |         |  |  |  |
| 1   |   |  | RATION NUMBER   |   |                       |  |                            |                 |         |  |  |  |